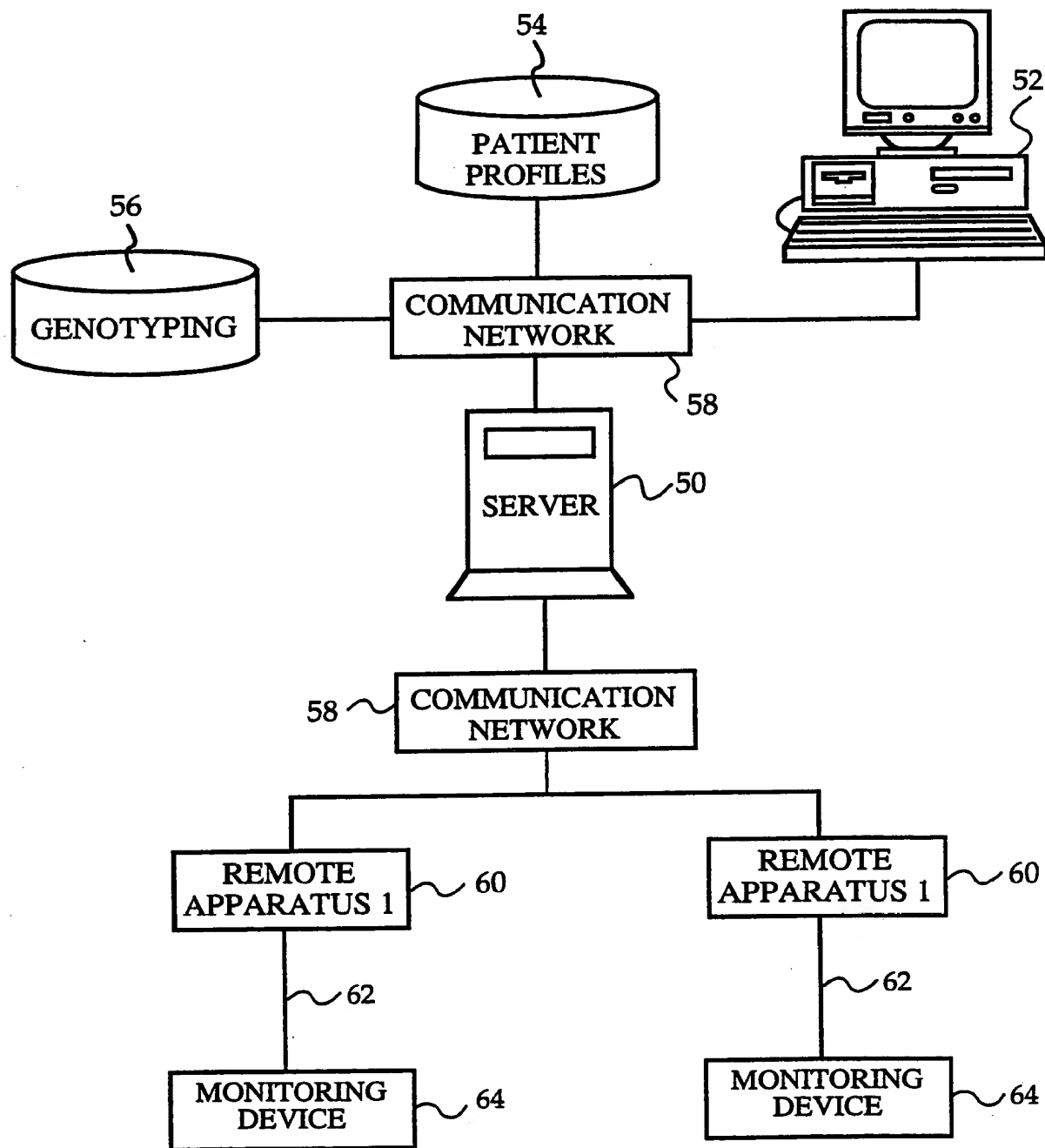
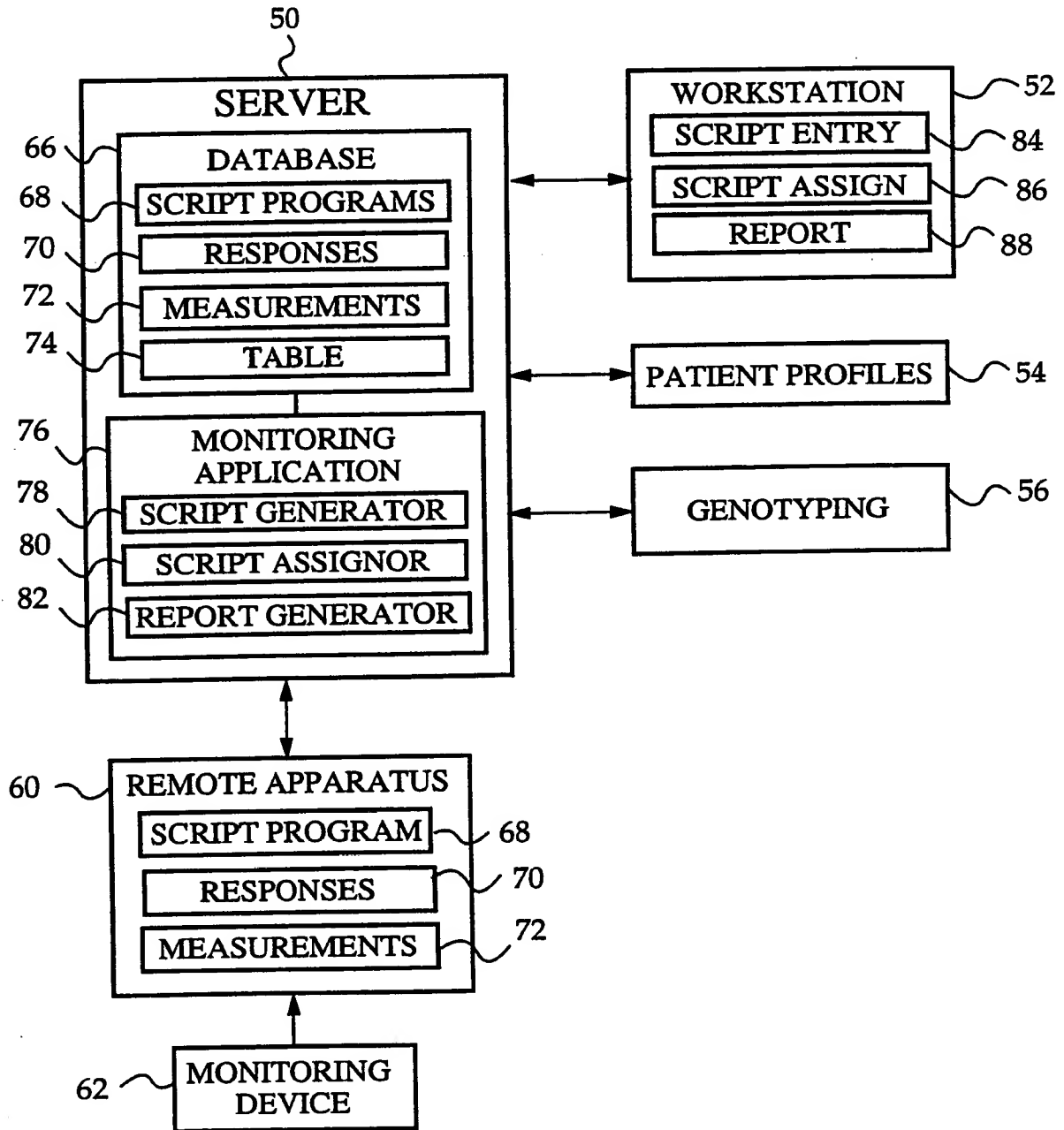


1/20



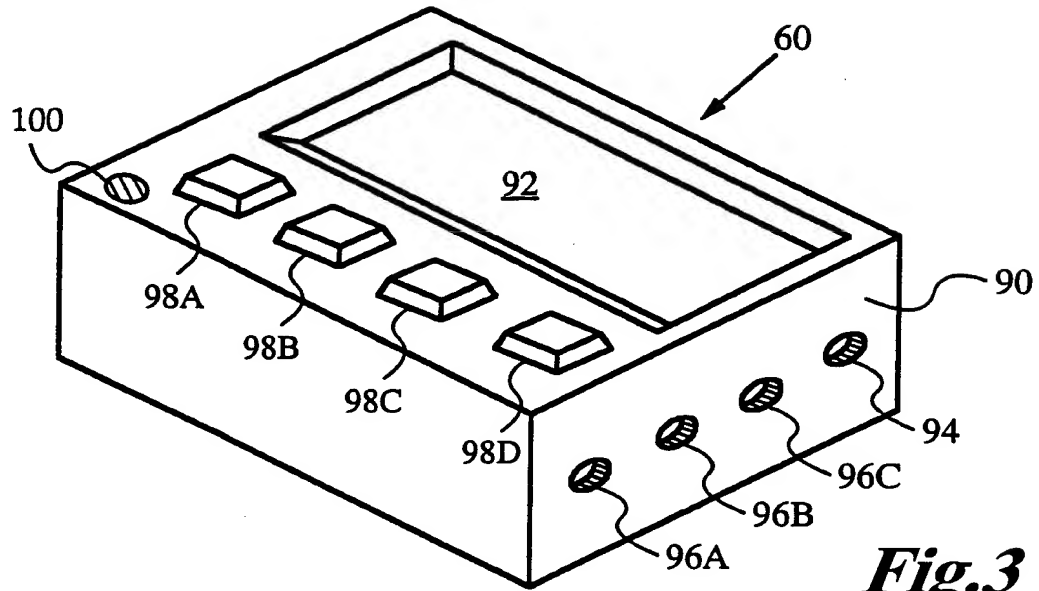
*Fig.1*

2/20

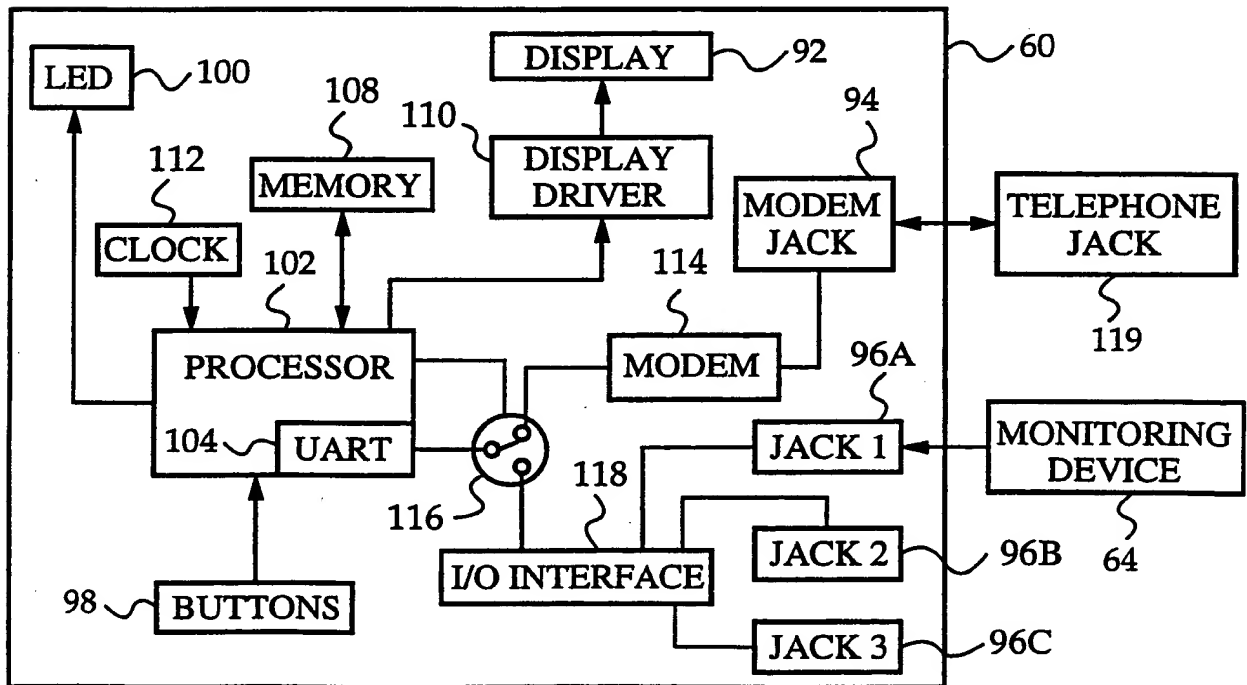


**Fig.2**

3/20



**Fig. 3**



**Fig. 4**

4/20

84

## SCRIPT ENTRY SCREEN

SCRIPT NAME:

NON-INSULIN DEP DIABETES MELLITUS SCRIPT 1

QUERIES

CHOICE 1 CHOICE 2 CHOICE 3 CHOICE 4

HOW OLD WERE YOU WHEN YOU WERE DIAGNOSED WITH NIDDM?

< 20

20-30

30-40

> 40

ARE YOU OVERWEIGHT?

YES

NO

WHAT IS YOUR CHOLESTEROL LEVEL?

< 200 mg/dL

200-250 mg/dL

250-300 mg/dL

> 300 mg/dL

DO YOU SMOKE?

YES

NO

SELECT DEVICE TYPE(S)

☒ GLUCOSE METER

☐ RESPIRATORY FLOW METER

☐ BP CUFF

CONNECTION TIME:

03:00

128

CREATE SCRIPT

130

CANCEL

132

Fig.5

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
AFTSMAN		

5/20

NUMBER: 9001 {LF}

LED: 1 {LF}

ZAP: {LF}

CLS: {LF}

DISPLAY: ANSWER QUERIES NOW?  
PRESS ANY BUTTON TO START {LF}

WAIT: {LF}

CLS: {LF}

DISPLAY: HOW OLD WERE YOU WHEN YOU  
WERE DIAGNOSED WITH NIDDM?

<20    20-30    30-40    >40 {LF}

INPUT: OOOO {LF}

CLS: {LF}

DISPLAY: ARE YOU OVERWEIGHT?

YES    NO {LF}

INPUT: OOOO {LF}

CLS: {LF}

DISPLAY: WHAT IS YOUR CHOLESTEROL LEVEL?  
           <200    200-250    250-300    >300  
           mg/dL    mg/dL    mg/dL    mg/dL {LF}

INPUT: OOOO {LF}

CLS: {LF}

DISPLAY: DO YOU SMOKE?

YES    NO {LF}

**Fig. 6A**

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

**6/20**

INPUT: 0000 {LF}  
 CLS: {LF}  
 DISPLAY: CONNECT GLUCOSE METER  
 AND PRESS ANY BUTTON  
 WHEN FINISHED {LF}  
 WAIT: {LF}  
 CLS: {LF}  
 DISPLAY: COLLECTING MEASUREMENTS {LF}  
 COLLECT: GLUCOSE\_METER {LF}  
 CLS: {LF}  
 DISPLAY: CONNECT APPARATUS TO  
 TELEPHONE JACK AND  
 PRESS ANY BUTTON  
 WHEN FINISHED {LF}  
 WAIT: {LF}  
 LED: 0 {LF}  
 CLS: {LF}  
 DELAY: 03:00 {LF}  
 DISPLAY: CONNECTING TO SERVER {LF}  
 CONNECT: {LF}  
 {EOF}

***Fig.6B***

7/20

86

### SCRIPT ASSIGNMENT SCREEN.

**AVAILABLE SCRIPTS:**

☒ NIDDM SCRIPT 1

☐ NIDDM SCRIPT 2

☐ NIDDM SCRIPT 3

**PATIENTS:**

☒ NIDDM GROUP A

☐ NIDDM GROUP B

☐ NIDDM GROUP C

ADD SCRIPT

ASSIGN SCRIPT

DELETE SCRIPT

**Fig. 7**

WHAT IS YOUR CHOLESTEROL LEVEL?

<200 mg/dL	200-250 mg/dL	250-300 mg/dL	>300 mg/dL
---------------	------------------	------------------	---------------

☐  
98A

☐  
98B

☐  
98C

☐  
98D

**Fig. 8**

CONNECT GLUCOSE METER  
AND PRESS ANY BUTTON  
WHEN FINISHED

☐  
98A

☐  
98B

☐  
98C

☐  
98D

**Fig. 9**

8/20

88

# PATIENT REPORT

PATIENT:

LINDSEY, DAN



DATE OF MEASUREMENT:

MARCH 15, 1997



144

146

## QUERY RESPONSES

HOW OLD WERE YOU WHEN YOU WERE DIAGNOSED WITH NIDDM?

30-40

ARE YOU OVERWEIGHT?

YES

WHAT IS YOUR CHOLESTEROL LEVEL?

250-300 mg/dL

DO YOU SMOKE?

NO

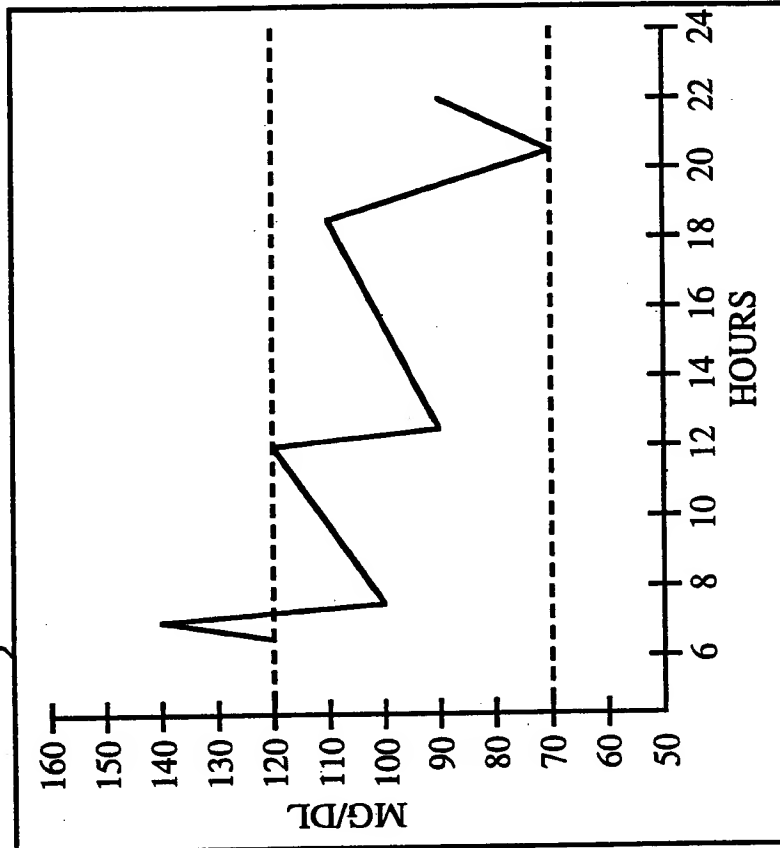
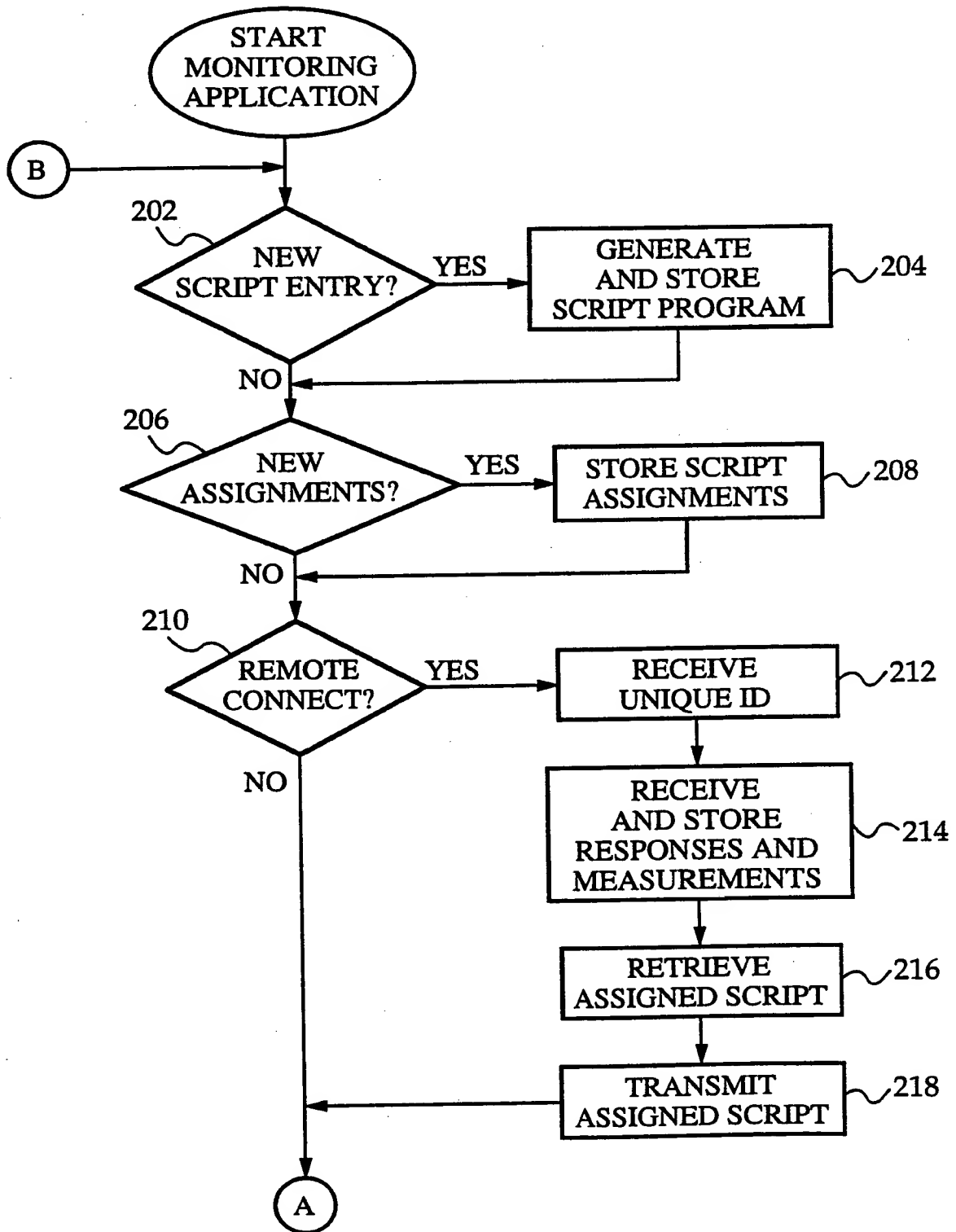


Fig.10

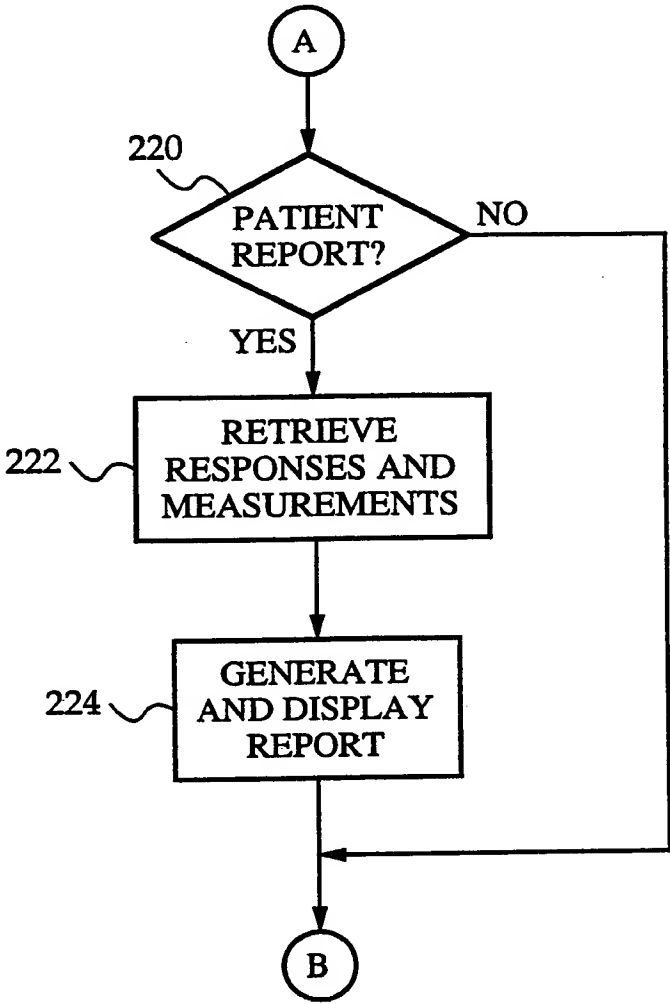


9/20



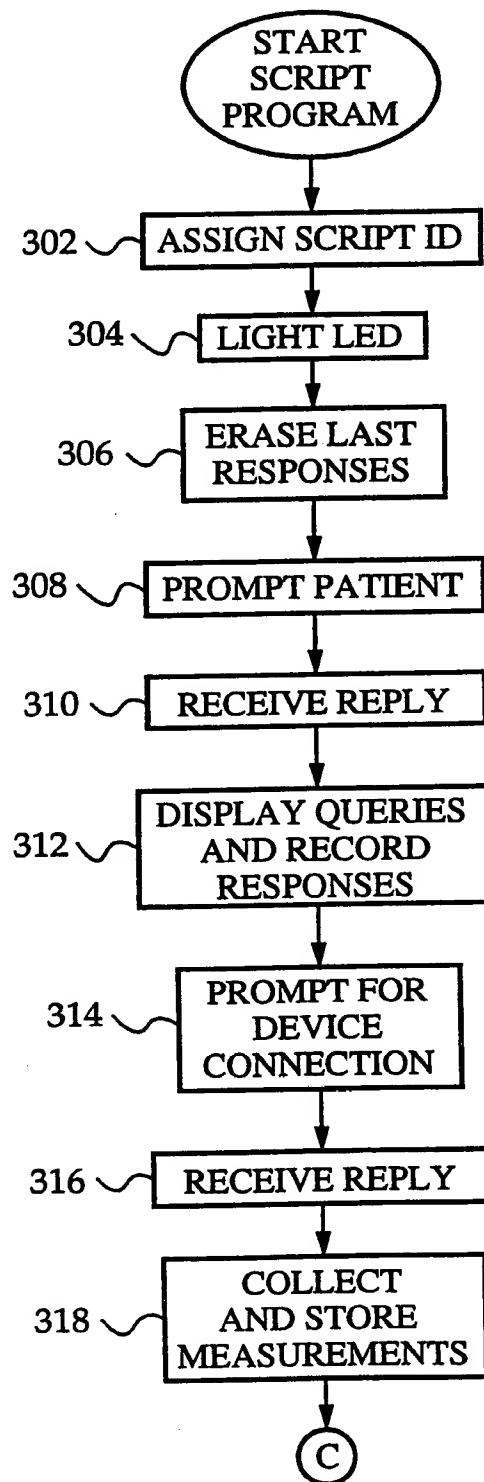
*Fig.11A*

10/20



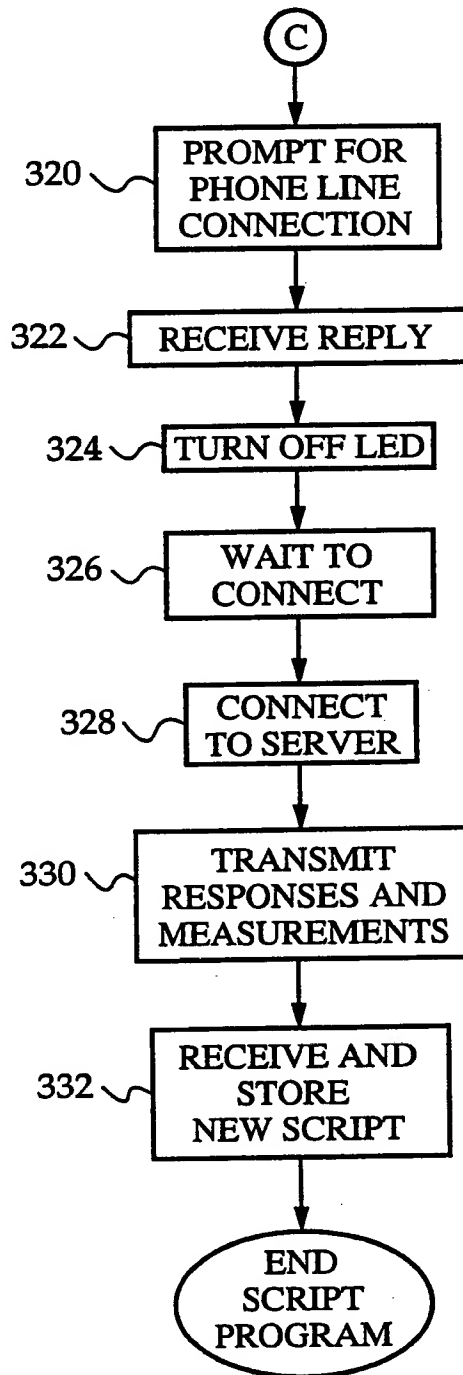
*Fig. 11B*

11/20



*Fig.12A*

12/20



*Fig. 12B*

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

13/20

NIDDM DATA TABLE <span style="float: right;">150</span>		
INDIVIDUAL NO: _____ <span style="float: right;">151</span>		
<u>152</u> NAME FIELD	<u>154</u> VALUE FIELD	<u>156</u> EXPLANATION
age when diagnosed with NIDDM?	$<20 = 0$ $20-30 = 25$ $30-40 = 50$ $>40 = 100$	to determine if condition is caused by age
overweight or non-overweight?	overwt = 50 non-overwt = 0	to determine if condition is caused by weight
cholesterol level?	$<200 = 0$ $200-250 = 25$ $250-300 = 50$ $>300 = 100$	to determine if condition is caused by cholesterol level
smoking or non-smoking?	smoking = 50 non-smoking = 0	to determine if condition is caused by nicotine

*Fig.13*

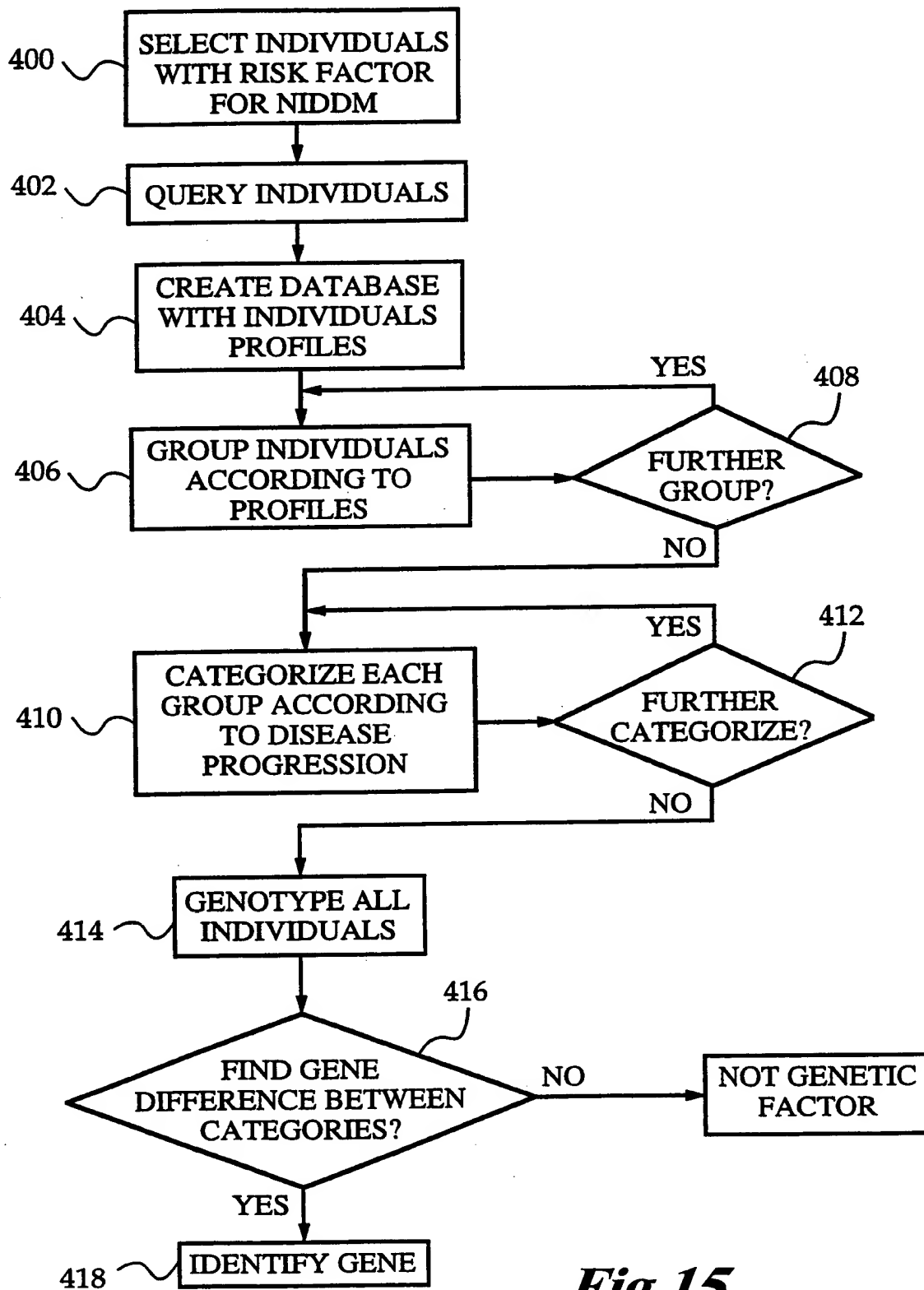
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

14/20

NIDDM DATA TABLE <span>150</span>		
INDIVIDUAL NO: 64025 <span>151</span>		
<span>152</span> NAME FIELD	<span>154</span> VALUE FIELD	<span>156</span> EXPLANATION
age when diagnosed with NIDDM?	30-40 = 50	to determine if condition is caused by age
overweight or non-overweight?	overwt = 50	to determine if condition is caused by weight
cholesterol level?	250-300 = 50	to determine if condition is caused by cholesterol level
smoking or non-smoking?	non-smoking = 0	to determine if condition is caused by nicotine

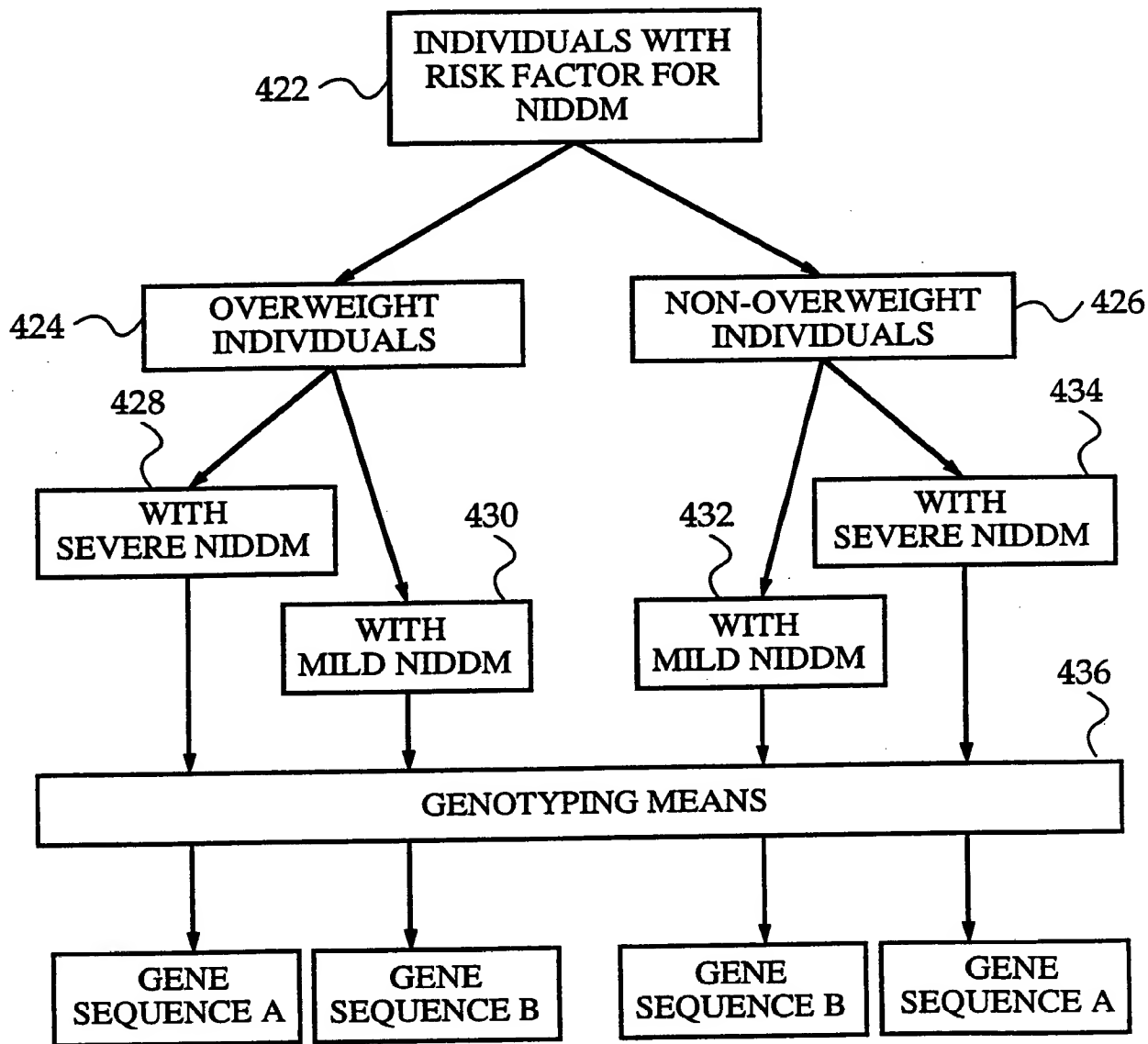
**Fig.14**

15/20



*Fig.15*

16/20

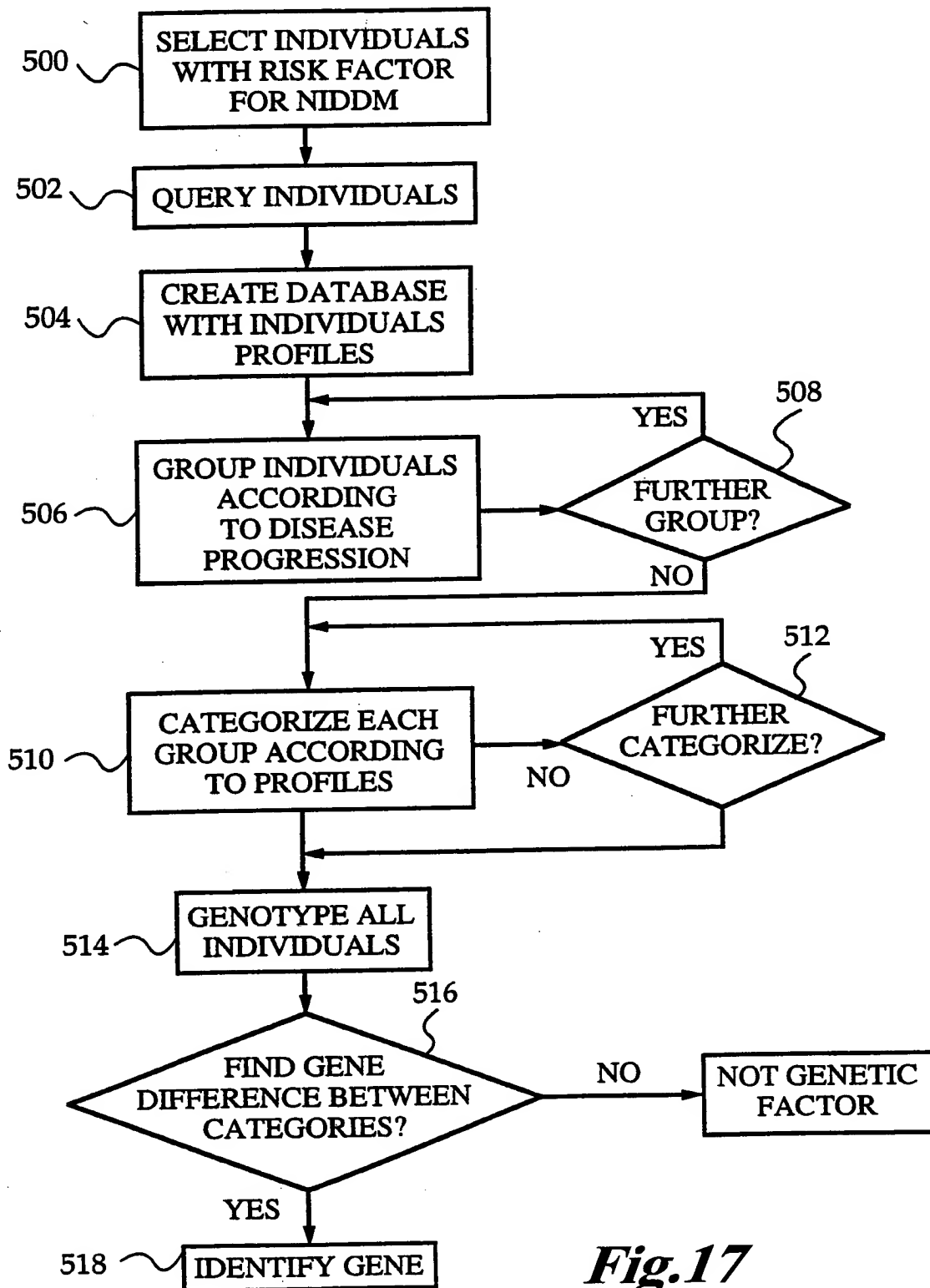


CONCLUDE: NIDDM NOT RELATED TO  
WEIGHT, LIKELY RELATED  
TO GENE SEQUENCE A

*Fig.16*

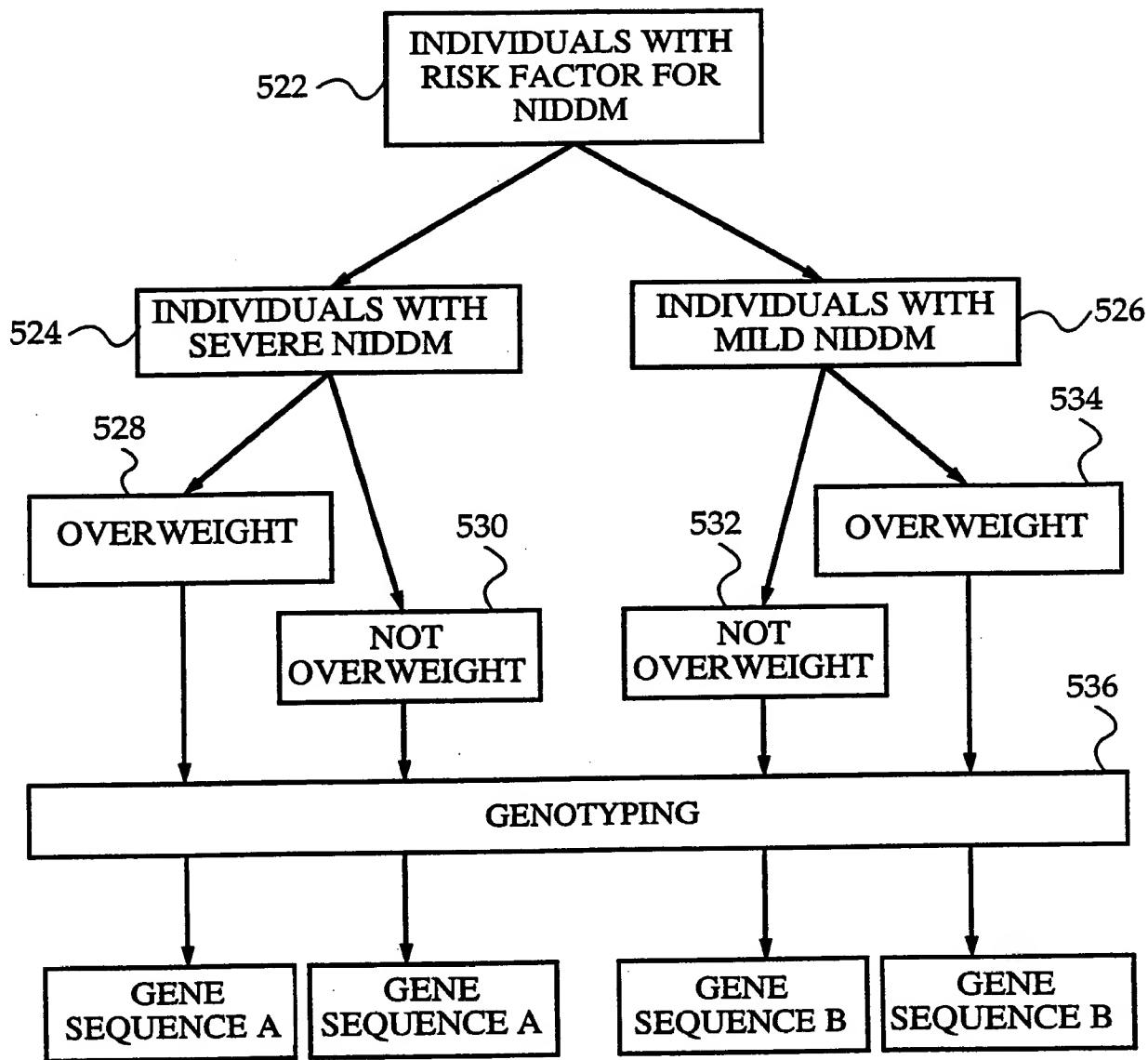


17/20



*Fig.17*

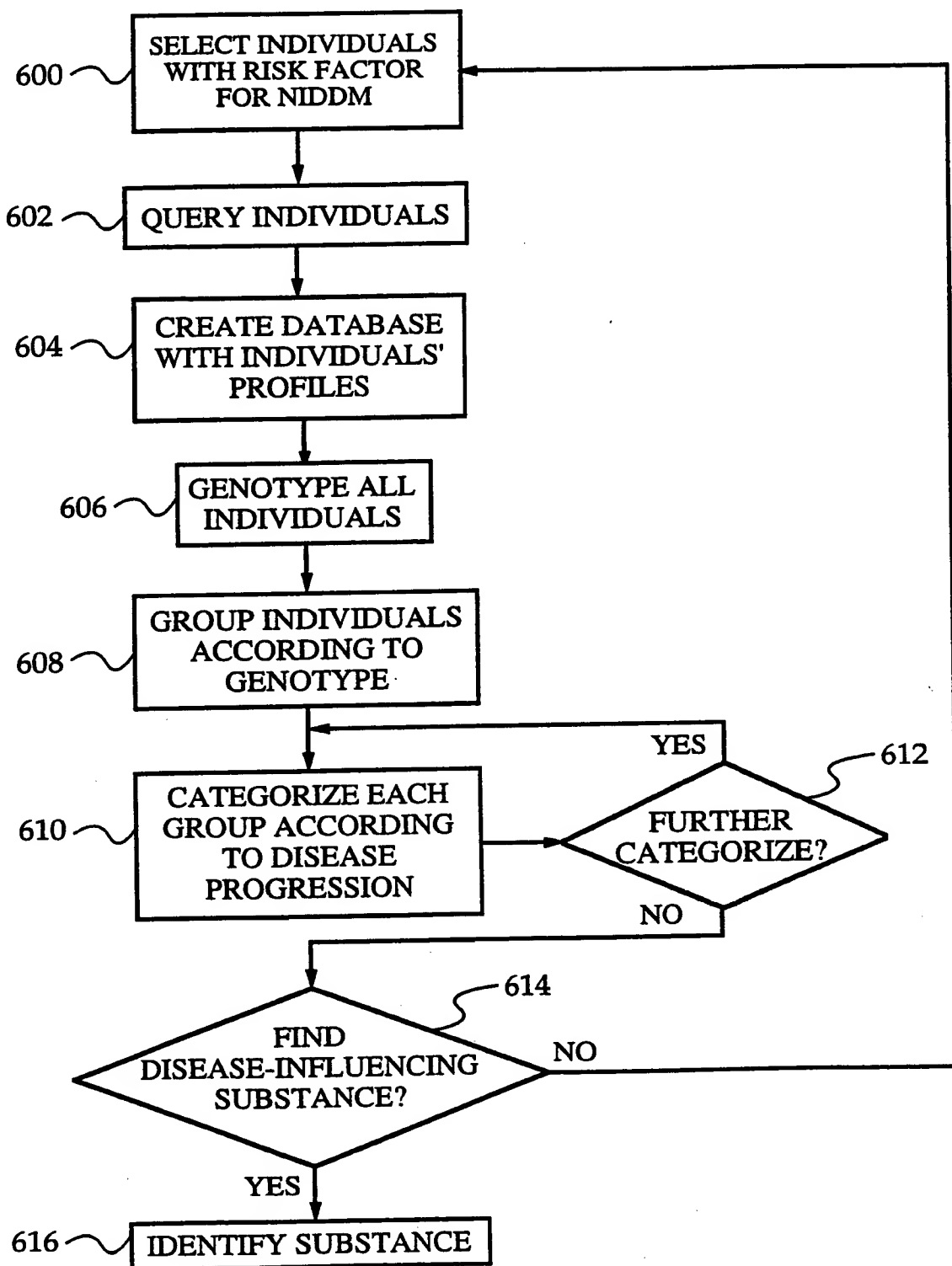
18/20



CONCLUDE: NIDDM NOT RELATED TO  
WEIGHT, LIKELY RELATED  
TO GENE SEQUENCE A

*Fig.18*

19/20



*Fig.19*

**20/20**